

	Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada Tel (613) 632-5200 Fax 613 632-5246	C2-OH Job Sheet OH192320 
Part No: C2-OH Job Qty: 1 ea Part Name: C-Series Remote Hook 2,000 lbs Lift Capacity 		
Part Weight: 0 lbs Job Created: 3/21/19 Due Date: 4/29/19 Type: Rework - OH Note: DWG C2 Rev. 2 IPP Rev. A 18.04.27 new issue DP Verify DD Ship Via:	Status: New Job Tracking No: RA635 Created By: Jennifer Renwick Description: Orig SN 5250699/Order 14645	Priority: Medium
Bill of Materials		

	Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL: 1 813 632-5200 Email: sales@dartaero.com www.dartaerospace.com
Container No: S164248 	
Part: C2 Job No: Serial No/Batch: 000000652 Revision: Inspector: Exp Date: Instructions:	
	Date: 03/20/19

Can't overhaul
Cancel → Return
to cust as is.

Job Routing									
Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Start up Operation	1 Ea	4/29/19	4/29/19	0.00	0.00			
110	External Load - 1	1 pcs	4/29/19	4/29/19	0.00	1.00	External Load - 1 External Load - 2 External Load - 3		gpc
120	QC	1 pcs	4/29/19	4/29/19	0.00	0.00	QC5		
130	Customer Acceptance	1 pcs	4/29/19	4/29/19	0.00	0.00			
140	Outsource	1 pcs	4/29/19	4/29/19			SKY002-VC	10	
150	Packaging	1 pcs	4/29/19	4/29/19	0.00	0.00	Packaging2		
160	QC	1 pcs	4/29/19	4/29/19	0.00	0.00	QC6		
170	Small Fab - 2 - B4B	1 pcs	4/29/19	4/29/19	0.00	0.50	Small Fab - 1 - B4B Small Fab - 2 - B4B Small Fab - 3 - B4B Small Fab - 4 - B4B Small Fab - 5 - B4B Small Fab - 6 - B4B Small Fab - 7 - B4B		
181	Outsource	1 pcs	4/29/19	4/29/19			GRO002-VC	10	
182	QC	1 pcs	4/29/19	4/29/19	0.00	0.00	QC6		
183	Small Fab	1 pcs	4/29/19	4/29/19	0.00	1.00	Small Fab-9		
184	QC 5	1 pcs	4/29/19	4/29/19	0.00	0.00	QC 5 - 10 QC 5 - 12 QC 5 - 17 QC 5 - 18 QC 5 - 19 QC 5 - 22 QC 5 - 24 QC 5 - 3 QC 5 - 43 QC 5 - 49 QC 5 - 51 QC 5 - 58 QC 5 - 68 QC 5 - 9 QC 5 - 50 QC 5 - 30 QC 5 - 40		
185	DC	1 pcs	4/29/19	4/29/19	0.00	0.00	DC		
190	Packaging	1 pcs	4/29/19	4/29/19	0.00	0.00	Packaging3-2		
200	QC21-FG	1 Ea	4/29/19	4/29/19	0.00	0.00	QC21		

5164772

DAS
21
9-58

DAS
21
9-58

MAR 29 2019

Part Op 110 - TEST ASSEMBLY, DISASSEMBLE ASSEMBLY, INSPECT DAMAGE PART.
Descriptions: 170 - Verify part and buff if required.
183 - RE-ASSEMBLE. ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.
185 - Photocopy blue file and create labels

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
C2-AR	C-Series Remote Hook 2,000 lbs Lift Capacity	1 Ea (1 ea)	110-External Load - 1	5164248
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	183-Small Fab	
2595K22	Heat Shrink Tube	1 pcs (1 ea)	183-Small Fab	
32446	Crimp Terminal	2 Ea (2 ea)	183-Small Fab	
600.1310P	Label	1 pcs (1 ea)	183-Small Fab	
600.1314P	C2 Caution Sticker	1 pcs (1 ea)	183-Small Fab	
8183K6	Wire Guide/Grip	1 Ea (1 ea)	183-Small Fab	
AN3-14A	Bolt	1 Ea (1 ea)	183-Small Fab	
AN4-16A	Bolt	2 Ea (2 ea)	183-Small Fab	
AN4-17A	Bolt	1 Ea (1 ea)	183-Small Fab	
C2-1-1	Manual Release Knob	1 pcs (1 ea)	183-Small Fab	
C2-10-1	Lock Spring Pin	1 pcs (1 ea)	183-Small Fab	
C2-11-1	Side Plate, Solenoid	1 Ea (1 ea)	183-Small Fab	
C2-11-2	Locating Pin	2 Ea (2 ea)	183-Small Fab	
C2-12-1	Lock Bushing	2 Ea (2 ea)	183-Small Fab	
C2-12-3	Lock	1 pcs (1 ea)	183-Small Fab	
C2-12-7P	Teflon Spacer Lock	2 pcs (2 ea)	183-Small Fab	
C2-12-8	DUST SHEILD - C2 HOOK	2 pcs (2 ea)	183-Small Fab	
C2-13-4P	Keeper C2 Hook	1 pcs (1 ea)	183-Small Fab	
C2-13-5	Keeper Spring	1 Ea (1 ea)	183-Small Fab	
C2-14-2	Label Rivets	2 Ea (2 ea)	183-Small Fab	
C2-2-1	Side Plate	1 Ea (1 ea)	183-Small Fab	
C2-3-1	Latch Shaft Du Bearing	2 pcs (2 ea)	183-Small Fab	
C2-3-10	Latch Shaft	1 pcs (1 ea)	183-Small Fab	
C2-3-11	Actuator	1 pcs (1 ea)	183-Small Fab	
C2-3-2	Latch Roller Pin	1 pcs (1 ea)	183-Small Fab	
C2-3-2-1	Roller Pin Retaining Ring	2 Ea (2 ea)	183-Small Fab	
C2-3-3	Latch Roller	1 pcs (1 ea)	183-Small Fab	
C2-3-3-1	Latch Roller DU Bearing	1 pcs (1 ea)	183-Small Fab	
C2-3-5	Spacer, Teflon	2 Ea (2 ea)	183-Small Fab	
C2-3-6	Latch	1 pcs (1 ea)	183-Small Fab	
C2-3-8	Actuator Shaft Bushing	2 pcs (2 ea)	183-Small Fab	
C2-4-1	Trunnion Bushing	2 Ea (2 ea)	183-Small Fab	
C2-4-4A	Load Beam Assembly - C2 Hook	1 pcs (1 ea)	183-Small Fab	
C2-5-1	Actuator Stop	1 Ea (1 ea)	183-Small Fab	
C2-7-1P	Load Beam Bumper	1 pcs (1 ea)	183-Small Fab	
C2-7-2	Lock Bumper	2 pcs (2 ea)	183-Small Fab	
C2-9-1P	Clock Spring Cover	1 pcs (1 ea)	183-Small Fab	
C2-9-2	Clock Spring	1 Ea (1 ea)	183-Small Fab	
C2-9-3	Clock Spring Cover Screw	4 Ea (4 ea)	183-Small Fab	
C3-10-2	Lock Spring	1 pcs (1 ea)	183-Small Fab	
C3-3-4	Link Pin	2 pcs (2 ea)	183-Small Fab	
C3-3-4-1	Ring, Retaining	4 pcs (4 ea)	183-Small Fab	
C3-3-7	Link	1 pcs (1 ea)	183-Small Fab	
C3-3-9	Actuator Spring	1 pcs (1 ea)	183-Small Fab	
C3-8-2	Solenoid	1 pcs (1 ea)	183-Small Fab	
C3-8-4	Solenoid Cover Gasket	1 pcs (1 ea)	183-Small Fab	
C3-8-5	Solenoid Cover	1 pcs (1 ea)	183-Small Fab	
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	183-Small Fab	
M27500-16TG2T14	Wire - 16-Gauge - Shielded	1 ft (1 ea)	183-Small Fab	
MS21044N4	Nut, Self-Locking	3 Ea (3 ea)	183-Small Fab	
MS21083N3	Nut	3 Ea (3 ea)	183-Small Fab	
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	183-Small Fab	
MS35338-137	Washer	4 Ea (4 ea)	183-Small Fab	
MS35338-137	Washer	4 Ea (4 ea)	183-Small Fab	
NAS1149F0332P	Washer	4 Ea (4 ea)	183-Small Fab	
NAS1149F0363P	Washer	1 Ea (1 ea)	183-Small Fab	
NAS1149F0463P	Washer	6 Ea (6 ea)	183-Small Fab	

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
110-External Load - 1 183-Small Fab	C2	1	0	0
	188-FPSS-1032-1/4	2	206	0
	2585K22	1	35	0
	32446	2	716	0
	600.1310P	1	0	0
	600.1314P	1	40	0
	8183K6	1	34	0
	AN3-14A	1	243	0
	AN4-16A	2	412	0
	AN4-17A	1	545	0
	C2-1-1	1	5	0
	C2-10-1	1	75	0
	C2-11-1	1	8	0
	C2-11-2	2	58	0
	C2-12-1	2	19	0
	C2-12-3	1	17	0
	C2-12-7P	2	205	0
	C2-12-8	2	28	0
	C2-13-4P	1	25	0
	C2-13-5	1	44	0
	C2-14-2	2	182	0
	C2-2-1	1	7	0
	C2-3-1	2	22	0
	C2-3-10	1	3	0
	C2-3-11	1	0	0
	C2-3-2	1	0	0
	C2-3-2-1	2	8	0
	C2-3-3	1	51	0
	C2-3-3-1	1	25	0
	C2-3-5	2	69	0
	C2-3-6	1	11	0
	C2-3-8	2	12	0
	C2-4-1	2	86	0
	C2-4-4A	1	3	0
	C2-5-1	1	13	0
	C2-7-1P	1	109	0
	C2-7-2	2	9	0
	C2-9-1P	1	51	0
	C2-9-2	1	51	0
	C2-9-3	4	239	0
	C3-10-2	1	25	0
	C3-3-4	2	24	0
	C3-3-4-1	4	77	0
	C3-3-7	1	20	0
	C3-3-9	1	60	0
	C3-8-2	1	13	0
	C3-8-4	1	10	0
	C3-8-5	1	10	0
	EL-PLUG-M	1	43	0
	M27500-16TG2T14	1	50	0
	MS21044N4	3	125	0
	MS21083N3	3	122	0
	MS35266-63	1	30	0
	MS35338-137	8	434	0
	NAS1149F0332P	4	4,282	0
	NAS1149F0363P	1	454	0
	NAS1149F0463P	6	531	0
Part Specifications				
Specifications could not be found.				

Plex 3/21/19 9:29 AM Dart.Renwick.Jennifer

Inspection Sheet Complete
RA635

Customer QA Ref #												0
Part Number	Original Batch / Serial # / Ctr #	Original Revision #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Original Container #	New (Receiving) Serial #	New Job #	Work order Instructions
C2	5250699		1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED		5164248	0142320	
C2	5290699		1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED		5164250		
C2	5310699		1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED		5164252		
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					

QC Approval: 0
Date: 0-Jan-00

Special Return/Rework Instructions:

4129
Order 14694
Pd - Eohh100 N

RA 635

Delta Helicopters Ltd.

13 26004 TWP RD 544
Sturgeon County, AB
Canada, T8T 0B6

Prepared by : Deah Neves
Phone : 780-458-3569
Fax : 780-458-3591
E-mail : dneves@deltahelicopters.com

REPAIR ORDER M0014407

To : DART AEROSPACE 1270 Aberdeen St Hawkesbury, ON Canada, K6A-1K7		Ship to : Same	
Attention : ORDER DESK Telephone : (800) 556-4166 Fax : (613) 632-4443 AWB No. :		Date : Mar 7 2019 ETA Date : F.O.B. Point : Ship via : Terms : Account # :	

Item	Part Number / Serial Number	Description	ETA Date	Estimated Cost
1	C2 5250699 Note: Overhaul Required	REMOTE CARGO HOOK		0.00
2	C2 5290699 Note: Overhaul Required	REMOTE CARGO HOOK		0.00
3	C2 5310699 Note: Overhaul Required	REMOTE CARGO HOOK		0.00
Total in Canadian:				0.00

Additional Comments:

Please quote on repairs / Overhauls
Any Part to be overhauled or repaired must have all applicable AD's and SB's complied with and transcribed onto original CHR/FORM 1
No third party repairs are permitted unless approved in writing by Delta Helicopters Ltd. management.
Thank you

1. Please send _____ copies of your invoice.
2. Order is to be entered in accordance with prices, delivery and specifications shown above.
3. Notify us immediately if you are unable to ship as specified.
4. Show Repair Order M0014407 on all correspondence, invoice, shipping papers and packages.
5. Completed Repair Orders must be accompanied by a Teardown/Strip Report and a list of compliances including directives and service bulletins.

Delta Helicopters Ltd.

13 26004 TWP RD 544
Sturgeon County, AB
Canada, T8T 0B6

Prepared by : Deah Neves
Phone : 780-458-3569
Fax : 780-458-3591
E-mail : dneves@deltahelicopters.com

REPAIR ORDER M0014407

To : DART AEROSPACE 1270 Aberdeen St Hawkesbury, ON Canada, K6A-1K7		Ship to : Same	
Attention : ORDER DESK		Date : Mar 7 2019	
Telephone : (800) 556-4166		ETA Date :	
Fax : (613) 632-4443		F.O.B. Point :	
AWB No. :		Ship via :	
		Terms :	
		Account # :	

Item	Part Number / Serial Number	Description	ETA Date	Estimated Cost
1	C2 5250699 Note: Overhaul Required	REMOTE CARGO HOOK		0.00
2	C2 5290699 Note: Overhaul Required	REMOTE CARGO HOOK		0.00
3	C2 5310699 Note: Overhaul Required	REMOTE CARGO HOOK		0.00
Total in Canadian:				0.00

Additional Comments:

Please quote on repairs / Overhauls
Any Part to be overhauled or repaired must have all applicable AD's and SB's complied with and transcribed onto original CHR/FORM 1
No third party repairs are permitted unless approved in writing by Delta Helicopters Ltd. management.
Thank you

1. Please send _____ copies of your invoice.
2. Order is to be entered in accordance with prices, delivery and specifications shown above.
3. Notify us immediately if you are unable to ship as specified.
4. Show Repair Order M0014407 on all correspondence, invoice, shipping papers and packages.
5. Completed Repair Orders must be accompanied by a Teardown/Strip Report and a list of compliances including directives and service bulletins.

Jennifer Renwick

From: Deah Neves <dneves@deltahelicopters.com>
Sent: Thursday, March 28, 2019 4:23 PM
To: Caitlin Crooks
Cc: sroberts@deltahelicopters.com
Subject: M0014475.pdf
Attachments: M0014475.pdf

Hi Caitlin
Sorry for the delay, Please send back those C2 hooks

Also Please see attached for PO M004475
Thanks

Deah Neves

DELTA Helicopters Ltd.
780-458-3569
dneves@deltahelicopters.com

This e-mail message has been scanned by SEG Cloud

Jennifer Renwick

From: Caitlin Crooks
Sent: Friday, March 29, 2019 11:05 AM
To: Chantal Chartrand
Cc: Jennifer Renwick
Subject: RE: ORDER 14645- Delta Helicopters- RA635
Attachments: ORDER 14645- Delta Helicopters.pdf; M0014475.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Chantal,

We cannot overhaul the hooks and the customer requested we ship them back. Can you please make the following changes to ORDER 14645

- please change price to \$0
- please put a note on each line item and in special instructions "HOOKS WERE NOT OVERHAULED"
- please uncheck the C of C box in the ship documents section.

Please update freight to

FedEx economy Acct# 129884762

Thanks
Caitlin

From: Jennifer Renwick <jrenwick@dartaero.com>
Sent: Friday, March 22, 2019 8:48 AM
To: Caitlin Crooks <ccrooks@dartaero.com>
Cc: Linda Lacelle <llacelle@dartaero.com>; Jason Leroux <jleroux@dartaero.com>; Marie Lajeunesse <mlajeunesse@dartaero.com>
Subject: FW: ORDER 14645- Delta Helicopters- RA635

Hi Caitlin,

We cannot service all three hooks from RA635/Order 14645.
They are old units manufactured from Canam and they contain parts that we can no longer supply.

Please confirm if the customer wants us to return them? Not sure if there is an exchange program on these so we can sell them new ones at deeper discount and scrap the old ones?

Thank you,
Jen

From: Caitlin Crooks <ccrooks@dartaero.com>
Sent: Monday, March 18, 2019 1:22 PM
To: Linda Lacelle <llacelle@dartaero.com>; Marie Lajeunesse <mlajeunesse@dartaero.com>; Jason Leroux <jleroux@dartaero.com>; Ashley Beecraft <abeecraft@dartaero.com>